642,413 Effective December 8, 2004 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN (Column 1) (Column 2) TYPE [TOTAL CLAIMS OR SMALL ENTITY RATE FEE RATE FEE FOR NUMBER FILED NUMBER EXTRA BASIC FEE 395°° 790.00 OR BASIC FEE TOTAL CHARGEABLE CLAIMS minus 20= X\$ 25= X\$50= OR INDEPENDENT CLAIMS minus 3 = X100 =X200= MULTIPLE DEPENDENT CLAIM PRESENT OR +180= +360= OR * If the difference in column 1 is less than zero, enter "0" in column 2 TOTAL 395 ⁰⁵ OR TOTAL **CLAIMS AS AMENDED - PART II** OTHER THAN (Column 1) (Column 2) SMALL ENTITY (Column 3) OR SMALL ENTITY **CLAIMS** HIGHEST **ENDMENT A** REMAINING NUMBER ADDI-PRESENT ADDI-AFTER **PREVIOUSLY** RATE TIONAL **EXTRA** RATE TIONAL **AMENDMENT PAID FOR** FEE FEE Total Minus 20 X\$ 25= X\$50= ЮR Independent Minus X100= FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X200= OR +180= +360= OR TOTAL OR ADDIT. FEE ADDIT/FEE (Column 1) (Column 2) (Column 3) CLAIMS HIGHEST REMAINING ADDI-NUMBER PRESENT ADDI-**AFTER** PREVIOUSLY RATE TIONAL **EXTRA** RATE TIONAL AMENDMENT PAID FOR FEE FEE Total Minus X\$ 25=X\$50≈ OR Independent Minus X100 =FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X200= OR +180= +360= OR TOTAL TOTAL OR ADDIT, FEE ADDIT. FEE (Column 1) (Column 3) (Column 2) CLAIMS HIGHEST REMAINING NUMBER ADDI-PRESENT ADDI-AFTER **PREVIOUSLY EXTRA** RATE TIONAL RATE TIONAL AMENDMENT PAID FOR FEE: FEE Total Minus ** X\$ 25= X\$50=OR Independent Minus FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM X100= X200= OR +180= +360= OR 4 If the entry in column 1 is less than the entry in column 2, write "0" in column 3. ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20." TOTAL TOTAL ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." OR ADDIT, FEE ADDIT. FEE The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

PATENT APPLICATION FEE DETERMINATION RECORD

Application or Docket Number